Roll no .: U18C0079 23/5/20 Mini - Project Wildlife-Park A person can be a visitor to one or more A park can have zero or many visitors A visitor of a particular park has a unique ticket id based on date A park can have one or many animal kinds Similarly animal kinds can belong to one or more parks A specific animal type must one or more food Similarly a specific food item (an be eaten by one or more animal kind \* Based on the given constraints an e-r diagr-am has been made.

ocanneu with Camoca

Name: Siddharth Damor



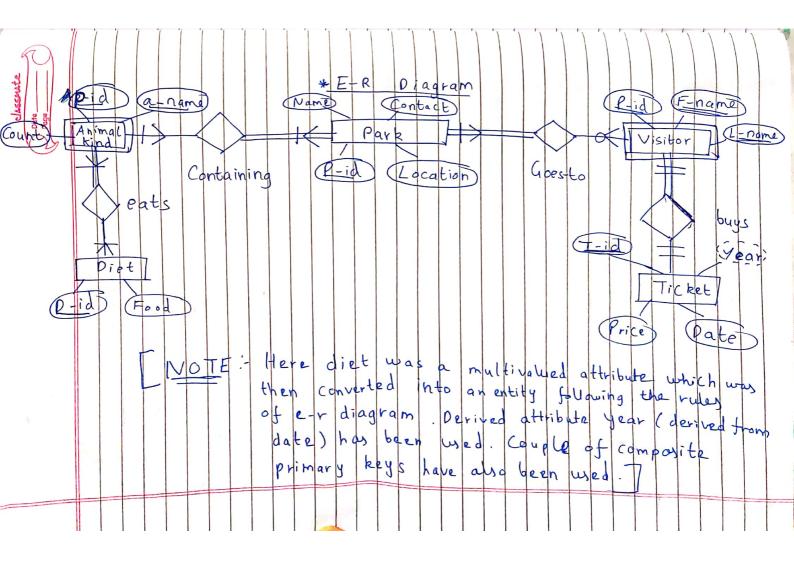
Definition	
Park	
Pid	Identifies the park
Name	Name of park
Contact	Contact number of park
Location	Location of park
Visitor	
P_id	Park id.
F-name	First name of visitor
1_name	Last name of visitor
Animal-kind	
P_id	Park-ia
a-name	name of species
Count	number such species present
	Park  P_id  Name  Contact  Location  Visitor  P_id  F=name  L_name  Animal_kind  P_id  a_name

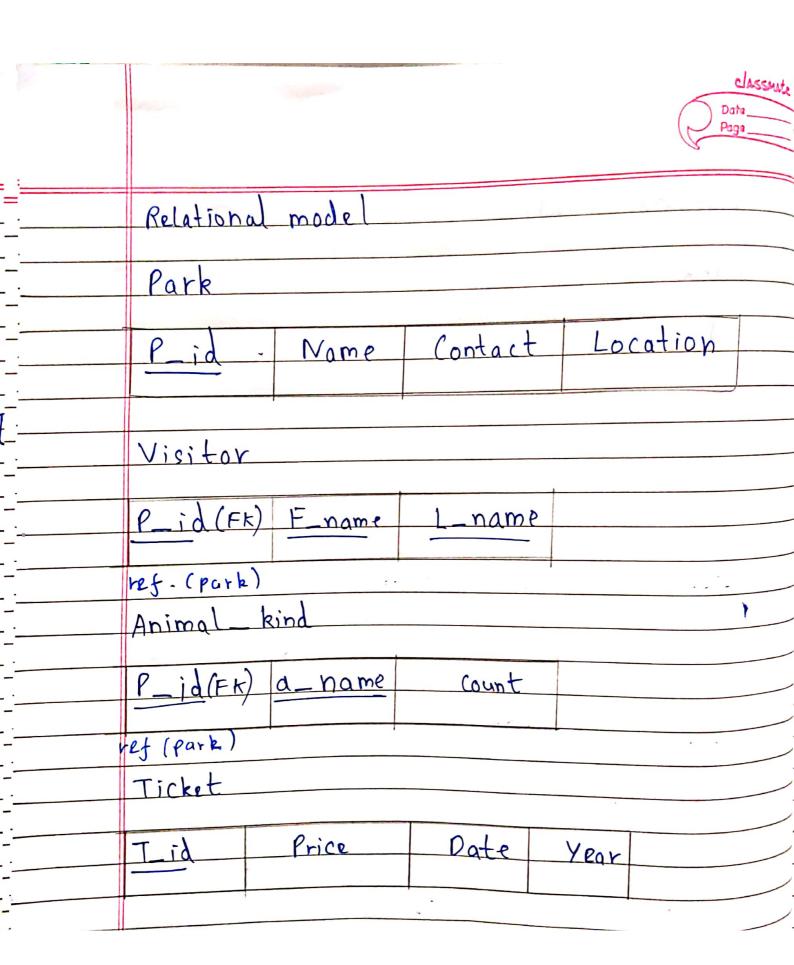
Scanneu with CamSca



$\rightarrow$	Ticket
	T-id Ticket id
	Price Price of ticket
	Date Date of purchase
	Year of purchase
	,
$\longrightarrow$	Diet
	D-id piet id
	Food suitable food
	Scanned with Cams

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Diet
Land to the state of the state
D-id Food
Goesto
4065_60
0 · 1 F · · · · · · · · · · · · · · · · ·
P_id F_name L_name
 (FK) (FK) (FK)  (ref (park) ref (visitor) ref (visitor)
Containing
P-id a-name (F-K) (FK)
ref(park) ref (Animal-kind)
Eats  of (and ) ref(Animal- ref (diet)
ef (park) ref (Animal-ref (diet)
Pid aname Did
(FK) (FK)
Buyc
J
P-id F-name L-name T-id
(FK) (FK) (FK)
ref (park) ref(visi ref.(visi- ref (Ticket)
J -tov) —(01)



*	Normalization
->	The of each attribute contains only atomic values: Its in INF
	Absence of partial dependency. Its in 2 NF
	Absence of transitive dependency Its in 3NF
->	The L.H.S of all aftributes contain only candidate key.  Its in BCNF
	Absence of multivalued dependency Les in 4NF
	Here joining of relations is lowless
	· Its. in SNF

	classnate
6	Data

P\_id -> Name, Contact, Location

P\_id, a-name -> Count

Tid > Price, date, Year

D-id -> Food

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